

# TREVIGEN<sup>®</sup>

## MATERIAL SAFETY DATA SHEET

### SECTION 1: CHEMICAL IDENTIFICATION

PRODUCT NAME: **Blue Counterstain**

CATALOG NUMBER: **4820-30-13**

### SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

CAS#: none

Hazardous ingredients: contains ethylene glycol, chemical abstract registry number 107-21-1.

### SECTION 3: HAZARDS IDENTIFICATION

#### Label Precautionary Statements

Toxic.

May cause allergic skin reaction.

May cause central nervous system effects.

May cause skin and eye irritation.

May cause respiratory and digestive tract irritation.

May cause cardiac disturbances.

May cause liver and kidney damage.

May cause reproductive and fetal effects.

Harmful or fatal if swallowed.

Target organs:

kidneys, central nervous system, liver.

Wear suitable clothing.

### SECTION 4: FIRST-AID MEASURES

In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes.

In case of contact, immediately wash skin with soap and copious amounts of water for 15 minutes while removing contaminated clothing and shoes.

If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult give oxygen.

If swallowed, give 2 -3 cupfuls of milk or water provided person is conscious. Get medical assistance immediately.

Wash contaminated clothing before reuse.

### SECTION 5: FIRE FIGHTING MEASURES

#### Extinguishing media

Carbon dioxide, dry chemical powder or appropriate foam.

#### Special fire fighting procedures

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

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Unusual fire and explosion hazards  
Emits toxic fumes under fire conditions.

#### SECTION 6: ACCIDENTAL RELEASE MEASURES

Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves. Absorb on sand or vermiculite and place in closed containers for disposal. Ventilate area and wash spill site after material pickup is complete

#### SECTION 7: HANDLING AND STORAGE

Refer to section 8.

#### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Chemical safety goggles.  
Compatible chemical-resistant gloves.  
NIOSH/MSHA-Approved respirator  
Safety shower and eye bath.  
Mechanical exhaust required.  
Do not ingest or inhale.  
Avoid contact with eyes, skin and clothing.  
Avoid prolonged or repeated exposure.  
Wash thoroughly after handling.  
Keep tightly closed.  
Store in a cool dry place.

#### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance and odor.  
Liquid.

#### SECTION 10: STABILITY AND REACTIVITY

##### Incompatibilities

Strong oxidizing agents.  
Ethylene glycol is incompatible with dimethyl terephthalate and titanium butoxide, phosphorus pentasulfide, silver copper wire, sodium hydroxide, chlorosulfonic acid, oleum, and sulfuric acid.

Hazardous combustion or decomposition products.  
Emits toxic fumes of carbon dioxide, carbon monoxide, sulfur oxides.

#### SECTION 11: TOXICOLOGICAL INFORMATION

##### Acute effects

May be harmful by inhalation, ingestion, or skin absorption.  
May cause eye irritation.  
May cause skin irritation.  
May be irritating to mucous membranes and upper respiratory tract.

Prolonged or repeated exposure may cause allergic reactions in certain sensitive individuals.

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Target organs:

Liver, kidney, nervous system

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

#### SECTION 12: ECOLOGICAL INFORMATION

Data not yet available.

#### SECTION 13: DISPOSAL CONSIDERATIONS

Mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state, and local environmental regulations.

#### SECTION 14: TRANSPORT INFORMATION

Contact Trevigen for transportation information.

#### SECTION 15: REGULATORY INFORMATION

European Information

Harmful if swallowed.

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#### SECTION 16: OTHER INFORMATION

The above information is believed to be correct, however, the physical, chemical, and toxicological properties of the product may not yet have been fully characterized. Trevigen recommends the use of gloves, lab coats and eye protection while using or handling this product. Trevigen assumes no liability for damage resulting from handling or contact with the above product.